

**Issue Classification**

|                         |   |  |
|-------------------------|---|--|
| Application/Control No. | Applicant(s)/Patent under Reexamination |  |
| 10/807,195              | TSUKAMOTO ET AL.                        |  |
| Examiner                | Art Unit                                |  |
| Samuel A. Gebremariam   | 2811                                    |  |

## ISSUE CLASSIFICATION

| ORIGINAL                     |   |          |   |        | CROSS REFERENCE(S) |                                   |     |     |     |  |  |  |  |
|------------------------------|---|----------|---|--------|--------------------|-----------------------------------|-----|-----|-----|--|--|--|--|
| CLASS                        |   | SUBCLASS |   |        | CLASS              | SUBCLASS (ONE SUBCLASS PER BLOCK) |     |     |     |  |  |  |  |
| 257                          |   | 660      |   |        | 257                | 662                               | 501 | 508 | 659 |  |  |  |  |
| INTERNATIONAL CLASSIFICATION |   |          |   |        |                    |                                   |     |     |     |  |  |  |  |
| H                            | O | I        | L | 23/552 |                    |                                   |     |     |     |  |  |  |  |
| H                            | O | I        | L | 39/00  |                    |                                   |     |     |     |  |  |  |  |
| H                            | O | I        | L | 29/00  |                    |                                   |     |     |     |  |  |  |  |
|                              |   |          |   | /      |                    |                                   |     |     |     |  |  |  |  |
|                              |   |          |   | /      |                    |                                   |     |     |     |  |  |  |  |

|  |  |  |  |                             |                               |
|--|--|--|--|-----------------------------|-------------------------------|
| <i>Samuel Adams</i> 7/20/06<br>(Assistant Examiner) (Date) |  | <i>Douglas W. Owens</i> 7/24/06<br><b>DOUGLAS W. OWENS</b><br><b>PRIMARY EXAMINER</b><br>(Primary Examiner) (Date) |  | Total Claims Allowed:<br>6  |                               |
| (Legal Instruments Examiner) (Date)                        |  |  |  | O.G.<br>Print Claim(s)<br>1 | O.G.<br>Print Fig.<br>2A & 2B |

| <input type="checkbox"/> Claims renumbered in the same order as presented by applicant |          |  |       |          |  |       |          |  |       | <input type="checkbox"/> CPA |  | <input type="checkbox"/> T.D. |          | <input type="checkbox"/> R.1.47 |       |          |
|--|----------|--|-------|----------|--|-------|----------|--|-------|------------------------------|--|-------------------------------|----------|---------------------------------|-------|----------|
| Final  | Original |  | Final | Original |  | Final | Original |  | Final | Original                     |  | Final                         | Original |                                 | Final | Original |
| 1  | 1        |  |       | 31       |  |       | 61       |  |       | 121                          |  |                               | 151      |                                 |       | 181      |
| 1  | 2        |  |       | 32       |  |       | 62       |  |       | 122                          |  |                               | 152      |                                 |       | 182      |
| 1  | 3        |  |       | 33       |  |       | 63       |  |       | 123                          |  |                               | 153      |                                 |       | 183      |
| 2  | 4        |  |       | 34       |  |       | 64       |  |       | 124                          |  |                               | 154      |                                 |       | 184      |
| 2  | 5        |  |       | 35       |  |       | 65       |  |       | 125                          |  |                               | 155      |                                 |       | 185      |
| 3  | 6        |  |       | 36       |  |       | 66       |  |       | 126                          |  |                               | 156      |                                 |       | 186      |
| 3  | 7        |  |       | 37       |  |       | 67       |  |       | 127                          |  |                               | 157      |                                 |       | 187      |
| 3  | 8        |  |       | 38       |  |       | 68       |  |       | 128                          |  |                               | 158      |                                 |       | 188      |
| 5  | 9        |  |       | 39       |  |       | 69       |  |       | 129                          |  |                               | 159      |                                 |       | 189      |
| 5  | 10       |  |       | 40       |  |       | 70       |  |       | 130                          |  |                               | 160      |                                 |       | 190      |
| 6  | 11       |  |       | 41       |  |       | 71       |  |       | 131                          |  |                               | 161      |                                 |       | 191      |
| 4  | 12       |  |       | 42       |  |       | 72       |  |       | 132                          |  |                               | 162      |                                 |       | 192      |
|  | 13       |  |       | 43       |  |       | 73       |  |       | 133                          |  |                               | 163      |                                 |       | 193      |
|  | 14       |  |       | 44       |  |       | 74       |  |       | 134                          |  |                               | 164      |                                 |       | 194      |
|  | 15       |  |       | 45       |  |       | 75       |  |       | 135                          |  |                               | 165      |                                 |       | 195      |
|  | 16       |  |       | 46       |  |       | 76       |  |       | 136                          |  |                               | 166      |                                 |       | 196      |
|  | 17       |  |       | 47       |  |       | 77       |  |       | 137                          |  |                               | 167      |                                 |       | 197      |
|  | 18       |  |       | 48       |  |       | 78       |  |       | 138                          |  |                               | 168      |                                 |       | 198      |
|  | 19       |  |       | 49       |  |       | 79       |  |       | 139                          |  |                               | 169      |                                 |       | 199      |
|  | 20       |  |       | 50       |  |       | 80       |  |       | 140                          |  |                               | 170      |                                 |       | 200      |
|  | 21       |  |       | 51       |  |       | 81       |  |       | 141                          |  |                               | 171      |                                 |       | 201      |
|  | 22       |  |       | 52       |  |       | 82       |  |       | 142                          |  |                               | 172      |                                 |       | 202      |
|  | 23       |  |       | 53       |  |       | 83       |  |       | 143                          |  |                               | 173      |                                 |       | 203      |
|  | 24       |  |       | 54       |  |       | 84       |  |       | 144                          |  |                               | 174      |                                 |       | 204      |
|  | 25       |  |       | 55       |  |       | 85       |  |       | 145                          |  |                               | 175      |                                 |       | 205      |
|  | 26       |  |       | 56       |  |       | 86       |  |       | 146                          |  |                               | 176      |                                 |       | 206      |
|  | 27       |  |       | 57       |  |       | 87       |  |       | 147                          |  |                               | 177      |                                 |       | 207      |
|  | 28       |  |       | 58       |  |       | 88       |  |       | 148                          |  |                               | 178      |                                 |       | 208      |
|  | 29       |  |       | 59       |  |       | 89       |  |       | 149                          |  |                               | 179      |                                 |       | 209      |
|  | 30       |  |       | 60       |  |       | 90       |  |       | 150                          |  |                               | 180      |                                 |       | 210      |